

| 1 | 5 | | | | | 15 | | | | | 20 | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|
| Xaa ₁ Xaa ₂ Xaa ₃ Gly Thr Xaa ₄ Xaa ₅ Xaa ₆ Xaa ₇ Xaa ₈ Ser Lys Gln Xaa ₉ Glu Glu Glu Ala Val Arg Leu | | | | | | | | | | | | | | | | | | | |
| | 25 | | | | | 30 | | | | | 35 | | | | | | | | |
| Xaa ₁₀ Xaa ₁₁ Xaa ₁₂ Xaa ₁₃ Leu Lys Asn Gly Gly Xaa ₁₄ Ser Ser Gly Ala Xaa ₁₅ Xaa ₁₆ Xaa ₁₇ Xaa ₁₈ Z | | | | | | | | | | | | | | | | | | | |
| [Seq. ID, No.] | Xaa ₁ | Xaa ₂ | Xaa ₃ | Xaa ₄ | Xaa ₅ | Xaa ₆ | Xaa ₇ | Xaa ₈ | Xaa ₉ | Xaa ₁₀ | Xaa ₁₁ | Xaa ₁₂ | Xaa ₁₃ | Xaa ₁₄ | Xaa ₁₅ | Xaa ₁₆ | Xaa ₁₇ | Xaa ₁₈ | |
| 9 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Leu | Phe | Ile | Glu | Phe | Pro | Pro | Pro | Pro | Ser | |
| 10 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Leu | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |
| 11 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Phe | Pro | Pro | Pro | Pro | Ser | |
| 12 | Tyr | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |
| 13 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Tyr | |
| 14 | His | Gly | Asp | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |
| 15 | His | Gly | Glu | naph | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |
| 16 | His | Gly | Glu | Phe | Ser | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |
| 17 | His | Gly | Glu | Phe | Ser | Thr | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |
| 18 | His | Gly | Glu | Phe | Thr | Thr | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |
| 19 | His | Gly | Glu | Phe | Thr | Ser | Glu | Leu | Met | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |
| 20 | His | Gly | Glu | Phe | Thr | Ser | Asp | pGly | Met | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |
| 21 | His | Gly | Glu | Phe | Thr | Ser | Asp | pGly | Leu | Phe | Ile | Glu | Phe | Pro | Pro | Pro | Pro | Ser | |
| 22 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | pGly | Phe | Ile | Glu | Trp | Pro | Pro | Pro | Pro | Ser | |

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| [Seq. ID. No.] | Xaa ₁ | Xaa ₂ | Xaa ₃ | Xaa ₄ | Xaa ₅ | Xaa ₆ | Xaa ₇ | Xaa ₈ | Xaa ₉ | Xaa ₁₀ | Xaa ₁₁ | Xaa ₁₂ | Xaa ₁₃ | Xaa ₁₄ | Xaa ₁₅ | Xaa ₁₆ | Xaa ₁₇ | Xaa ₁₈ | Z |
|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|
| 23 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | pGly | Phe | Ile | Glu | Phe | Pro | Pro | Pro | Ser | Ser | NH ₂ |
| 24 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | naph | Ile | Glu | Trp | Pro | Pro | Pro | Ser | Ser | NH ₂ |
| 25 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Val | Glu | Trp | Pro | Pro | Pro | Ser | Ser | NH ₂ |
| 26 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Leu | Phe | Val | Glu | Phe | Pro | Pro | Pro | Ser | Ser | NH ₂ |
| 27 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | tBuG | Glu | Trp | Pro | Pro | Pro | Ser | Ser | NH ₂ |
| 28 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Leu | Phe | tBuG | Glu | Phe | Pro | Pro | Pro | Ser | Ser | NH ₂ |
| 29 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Asp | Trp | Pro | Pro | Pro | Ser | Ser | NH ₂ |
| 30 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Phe | Pro | Pro | Pro | Ser | Ser | NH ₂ |
| 31 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | tPro | tPro | tPro | Ser | Ser | NH ₂ |
| 32 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | tPro | tPro | Ser | Ser | NH ₂ |
| 33 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | hPro | hPro | hPro | Ser | Ser | NH ₂ |
| 34 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | hPro | hPro | Ser | Ser | NH ₂ |
| 35 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Leu | Phe | Ile | Glu | Phe | tPro | tPro | tPro | Ser | Ser | NH ₂ |
| 36 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Leu | Phe | Ile | Glu | Phe | hPro | hPro | hPro | Ser | Ser | NH ₂ |
| 37 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | Media | Media | Media | Ser | Ser | NH ₂ |
| 38 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Met | Phe | Ile | Glu | Trp | Pro | Media | Media | Ser | Ser | NH ₂ |
| 39 | His | Gly | Glu | Phe | Thr | Ser | Asp | Leu | Leu | Phe | Ile | Glu | Phe | Media | Media | Media | Ser | Ser | NH ₂ |

FIG. 1B

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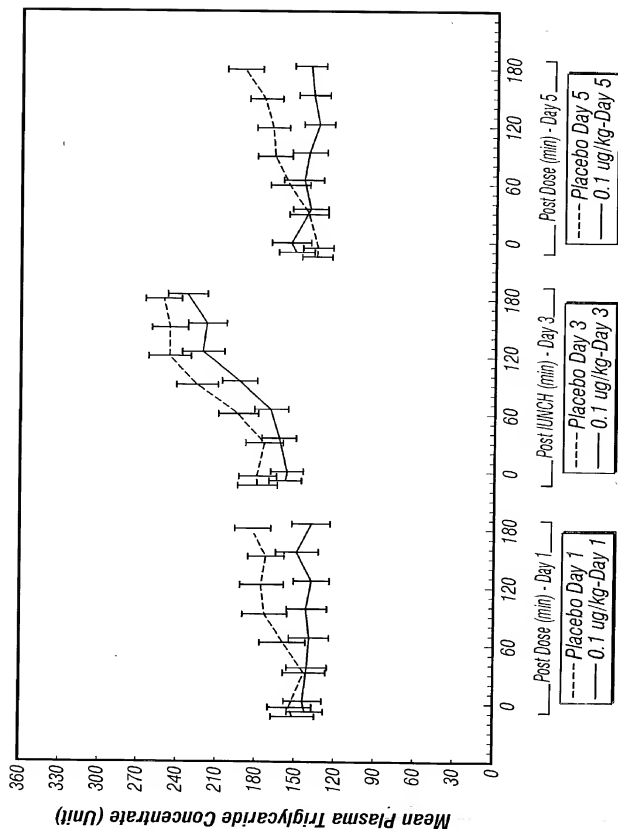


FIG. 2